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ABSTRACT

This student workbook is intended for use in special-needs mathematics and language high school programs. The workbook consists of number activities, language activities, and addition drill sections along with survey tests and an addition diagnostic test. A vocabulary list is included which contains the meanings of words underlined in the book. (MN)

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ADDITION

A HIGH-INTEREST WORKBOOK IN MATHEMATICS AND LANGUAGE

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Department of Education
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ADDITION

A HIGH-INTEREST WORKBOOK IN MATHEMATICS AND LANGUAGE

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February 1978

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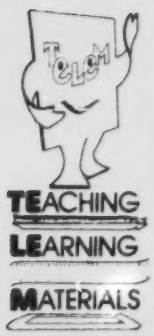

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INTRODUCTION TO STUDENTS

WHO SAYS MEDICINE MUST TASTE BAD?

When I was younger I was always afraid* of getting sick. I was afraid of getting sick because I hated going to the doctor. I still do.

I especially hated getting shots. I still do. The only time I was not afraid to go to the doctor's office was when I had a cough or cold. I knew the doctor would give me something good-tasting to make it better.

Something was done to the medicine! It always tasted as if you were eating candy, instead of taking something to help you get rid of your sickness. Like medicine, Arithmetic doesn't have to taste bad. Something has been done to it for you, and this book is it!

Brian C. Knaitz

*The meanings of all underlined words in this book will be found in the Vocabulary List beginning on page 79.

INTRODUCTION TO TEACHERS

This arithmetic book is designed so that every page of addition drillwork is followed by at least one activity, game, or puzzle that should keep those usually bored arithmetic students interested, guessing, enjoying themselves, and in general on their toes!

My reasons for writing this book were threefold. First, I wanted to provide a workbook that took into consideration the necessity for these students to overlearn the material. Second, the workbook would have to be of high interest, making the learning fun. Third, some of the activities, games, and puzzles contained within the text would be capable of being used as diagnostic instruments that would give you more insight into the student and assist you in providing an appropriate prescription.

It is my optimistic hope that I have made this workbook part of life's necessary medicine that the student will find sweet to swallow and enjoyable to take. I feel certain you'll find this easier medicine to give.

Brian C. Knaus

ACTIVITY EXERCISE #1

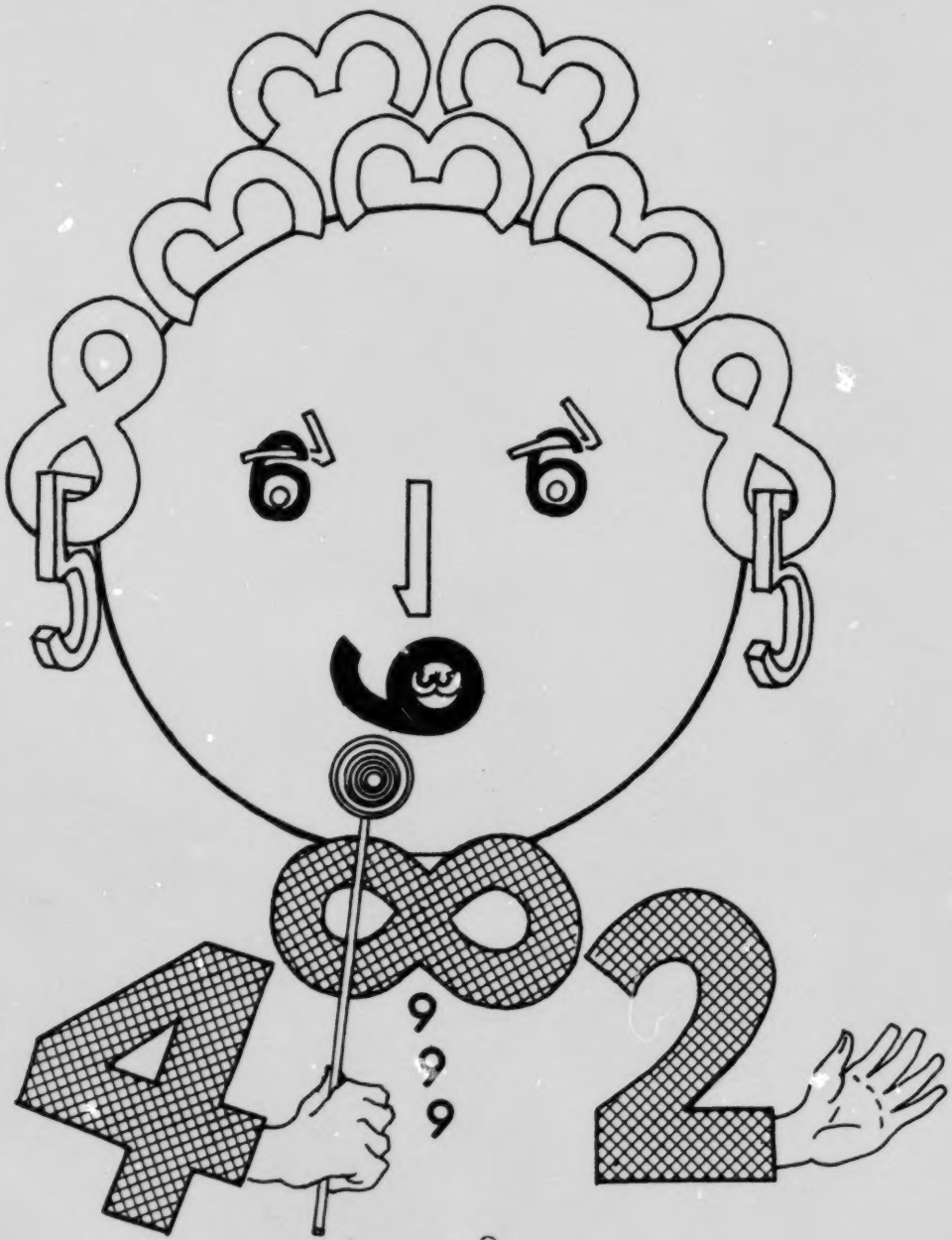
HOW OLD IS THIS WOMAN?

DIRECTIONS:

Total all the numbers in the picture below to find out the age of this woman.

CLUE #1: She is very old!

CLUE #2: You may have to turn the page around to find all the hidden numbers!



MEET LISA

It was a very exciting day for Lisa. On Monday she was starting her first, part-time job. You can imagine how excited and at the same time nervous she was on Sunday night.

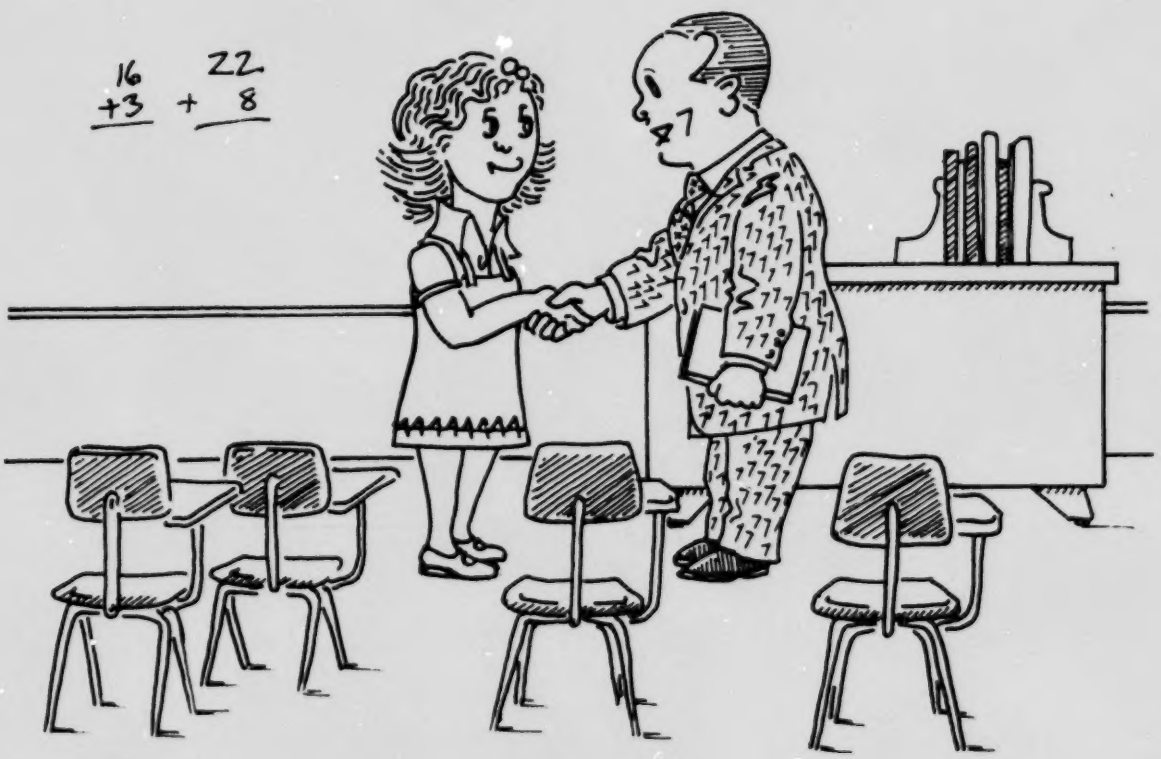
Lisa was attending County Vocational School. Her Cooperative Industrial Education (CIE) counselor at the school, Mr. Kells, found her the job in the classified-ad section of the local newspaper. They arranged with Lisa's employer for her to work three days a week. She would be working on Monday, Tuesday, and Wednesday, and going to school on Thursday and Friday.

Knowing how hard it is to find a job nowadays, Lisa felt very proud. After three years of learning a trade, Lisa was now ready for the working world. On Monday she would begin her job at Jacksen's Flower Shop.

It was Thursday, and Lisa's first day back at school. She had just finished her first working week (Monday, Tuesday, and Wednesday) at Jacksen's Flower Shop.

When Lisa went to math class on Thursday, she discussed her new position with her math teacher, Mr. Numbers. She explained to him that she enjoyed her new position at the flower shop very much. There was one thing that bothered her, however.

She told Mr. Numbers her new position involved using much addition. Lisa felt she could use some help and extra practice with addition. Mr. Numbers decided that on Thursday and Friday, when Lisa attended math class, he would help her with her addition.



DIRECTIONS:

After reviewing with Lisa some addition problems on the chalkboard, Mr. Numbers asked Lisa to find the sums (answers) of the following addition problems quickly and carefully. In each problem below, two numbers are being added together. The two numbers being added together give you the sum or answer.

EXAMPLE:

$$\begin{array}{r} 3 \\ +\,2 \\ \hline 5 \end{array} = \text{SUM OR ANSWER}$$

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	1	5	2	0
Row 2	+2	+4	+3	+3
Row 1	4	6	1	3
Row 2	+1	+2	+0	+4
Row 1	4	5	7	8
Row 2	+4	+0	+3	+1
Row 1	9	6	1	7
Row 2	+7	+5	+5	+7

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	5	3	8	0
Row 2	+ 5	+ 6	+ 4	+ 6
Row 1	3	5	6	4
Row 2	+ 7	+ 0	+ 2	+ 4
Row 1	0	6	1	7
Row 2	+ 9	+ 5	+ 9	+ 8
Row 1	8	9	2	2
Row 2	+ 4	+ 9	+ 2	+ 9

ACTIVITY EXERCISE #2

MATCH THE PROBLEMS AND ANSWERS

DIRECTIONS:

In column A there are addition problems. The correct (right) answers (sums) for the problems can be found in Column B. Match them by drawing connecting lines.

COLUMN A	COLUMN B
9 + 7	5
6 + 5	16
0 + 8	1
7 + 7	11
0 + 1	8
2 + 3	14

Lisa completed (finished) that page of basic addition facts.

DIRECTIONS:

Lisa was asked to find the sums (answers) to the following zero addition problems. She was told that if she added zero to any other number, her answer would always be *the same number she started with.*

EXAMPLE:

$$\begin{array}{r} 5 \\ +\,0 \\ \hline 5 \end{array} = \text{SUM OR ANSWER}$$

	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E
Row 1	5	2	9	0	4
Row 2	+0	+0	+0	+0	+0
Row 1	7	1	8	3	6
Row 2	+0	+0	+0	+0	+0
Row 1	9	7	3	4	8
Row 2	+0	+0	+0	+0	+0
Row 1	0	5	9	2	3
Row 2	+0	+0	+0	+0	+0

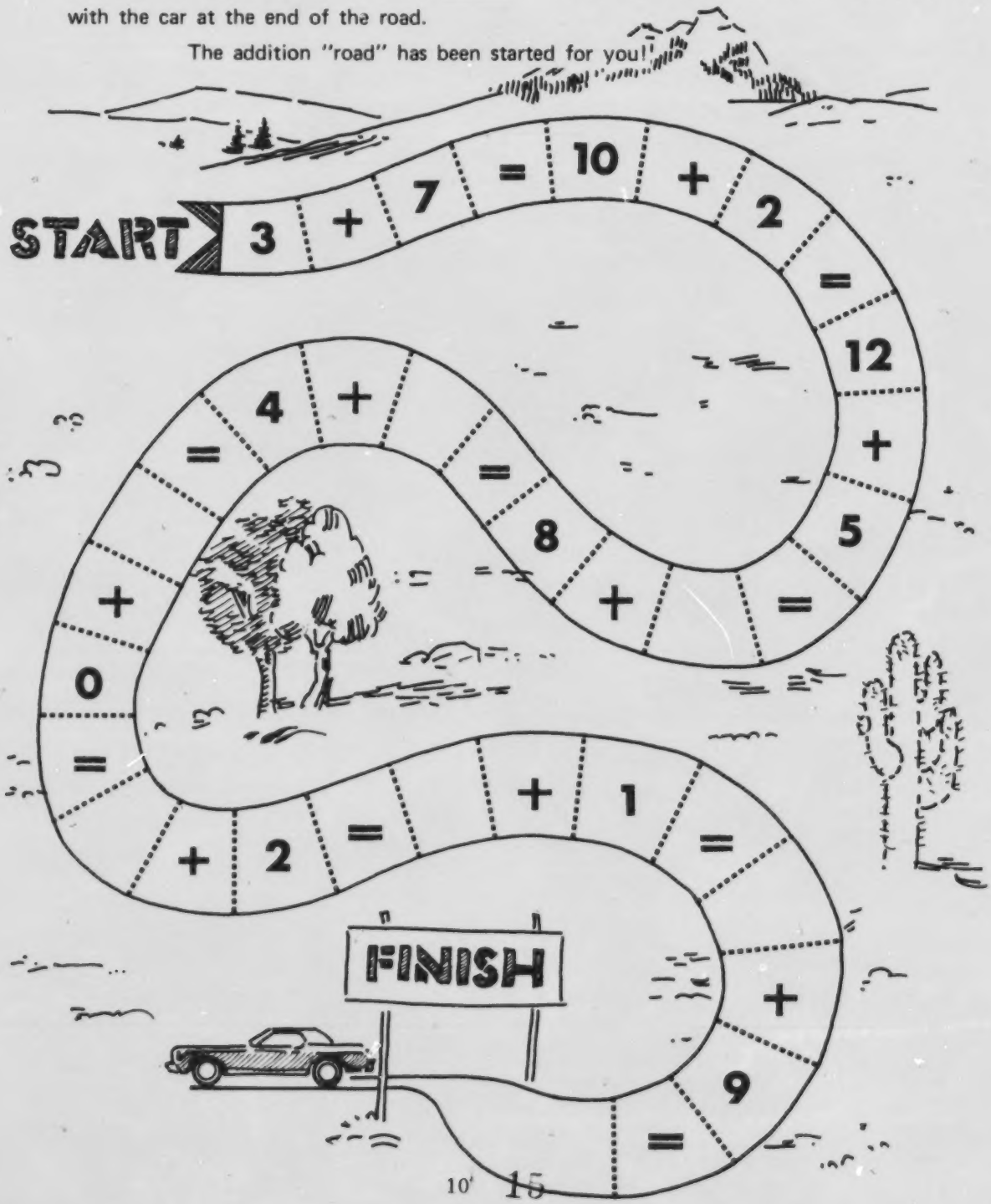
ACTIVITY EXERCISE #3

THE ADDITION ROAD

DIRECTIONS:

On the "road" below you will see some blank squares. To keep going to the end of the road, you must put the correct number into each blank square. Then add that number to the number that follows. Write in your answer when you catch up with the car at the end of the road.

The addition "road" has been started for you!



Lisa finished the page of zero addition problems.

DIRECTIONS:

Lisa was now asked to add columns of numbers. She was told to start at the top of each column. In the first problem, for example, if you add 6 + 3 + 4 + 1 you get 14.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	6	7	5	7
Row 2	3	2	1	0
Row 3	4	8	7	6
Row 4	+1	+5	+6	+2

Row 1	5	8	4	2
Row 2	2	9	6	2
Row 3	3	8	3	3
Row 4	+4	+0	+9	+3

Row 1	7	4	3	6
Row 2	7	0	6	1
Row 3	7	9	5	7
Row 4	+7	+0	+4	+9

ACTIVITY EXERCISE #4

THE ADDITION SQUARE

DIRECTIONS:

Fill in the blank squares below so that each row and each column add up to 15.

	COLUMN A	COLUMN B	COLUMN C
ROW 1	6		8
ROW 2			
ROW 3	2		4

ACTIVITY EXERCISE #5

ADDITION BINGO

Types of problems you could use.

B	I	N	G	O
$\begin{array}{r} 7 \\ +6 \\ \hline 13 \end{array}$				
			$\begin{array}{r} 22 \\ +5 \\ \hline 27 \end{array}$	
		FREE		
		$\begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array}$		
	$\begin{array}{r} 13 \\ +3 \\ \hline 11 \end{array}$			

DIRECTIONS:

Below you see a blank Bingo board. In every box except the free one, you must make up a different addition problem and answer. Your answer must be between 0 and 30. Once you have done this, you are ready to play Bingo with your classmates and teacher!

B	I	N	G	O
		FREE		

Lisa finished adding the one-column problems

DIRECTIONS:

Lisa was asked to find the sums of the two-column and two-row addition problems on this page. Accuracy and neatness are, of course, always important for good addition.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	3	19	54	89
Row 2	+ 54	+ 10	+ 22	+ 10
Row 1	63	6	33	5
Row 2	+ 2	+ 12	+ 54	+ 33
Row 1	47	7	50	63
Row 2	+ 11	+ 22	+ 30	+ 10
Row 1	3	51	44	7
Row 2	+ 66	+ 43	+ 22	+ 81

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	33	40	3	11
Row 2	+32	+30	+72	+43
Row 1	23	20	50	50
Row 2	+33	+19	+19	+11
Row 1	50	36	1	11
Row 2	+22	+51	+77	+33
Row 1	17	36	20	91
Row 2	+20	+62	+40	+ 3

ACTIVITY EXERCISE #6

WHICH ANSWER IS <u>INCORRECT</u> (WRONG)?

DIRECTIONS:

On this page are groups of addition problems with their answers given. <u>Figure out</u> which problem in each group of four has the incorrect answer. Then cross out the incorrect (wrong) answer and write in the correct (right) answer next to it.

EXAMPLE:

7 + 3 = 10
1 + 4 = 5
2 + 6 = 9 8
4 + 4 = 8

3 + 5 = 9	7 + 3 = 10	1 + 9 = 10
4 + 2 = 6	5 + 4 = 9	2 + 7 = 9
7 + 1 = 8	3 + 6 = 8	0 + 1 = 0
2 + 2 = 4	5 + 2 = 7	8 + 3 = 11
5 + 4 = 9	6 + 5 = 11	3 + 2 = 5
7 + 6 = 14	2 + 1 = 3	7 + 7 = 15
9 + 2 = 11	1 + 9 = 10	6 + 6 = 12
2 + 7 = 9	2 + 5 = 8	9 + 9 = 18
8 + 5 = 13	8 + 8 = 17	7 + 9 = 18
4 + 4 = 8	6 + 7 = 13	5 + 8 = 13
9 + 0 = 0	9 + 6 = 15	2 + 1 = 3
5 + 1 = 6	9 + 7 = 16	4 + 3 = 7

Lisa finished adding the two-column addition problems.

DIRECTIONS:

Lisa was asked to find the sums of the three-row addition problems on this page. Some of the problems had two columns and some had three. Starting now, she was expected to check the accuracy of her work. She did this by adding each problem twice. The first time she started at the top of each column, and the second time she started at the bottom of each column.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	50	17	36	11
Row 2	11	60	51	32
Row 3	+26	+22	+10	+34

Row 1	16	42	22	217
Row 2	21	15	13	122
Row 3	+20	+11	+64	+350

Row 1	31	44	415	103
Row 2	32	33	120	12
Row 3	+30	+22	+414	+351

BONUS PAGE!

Same as the last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	711	213	107
Row 2	180	442	111
Row 3	+107	+333	+101

Row 1	203	721	200
Row 2	302	116	541
Row 3	+444	+ 61	+153

Row 1	154	622	41
Row 2	103	220	150
Row 3	+720	+101	+204

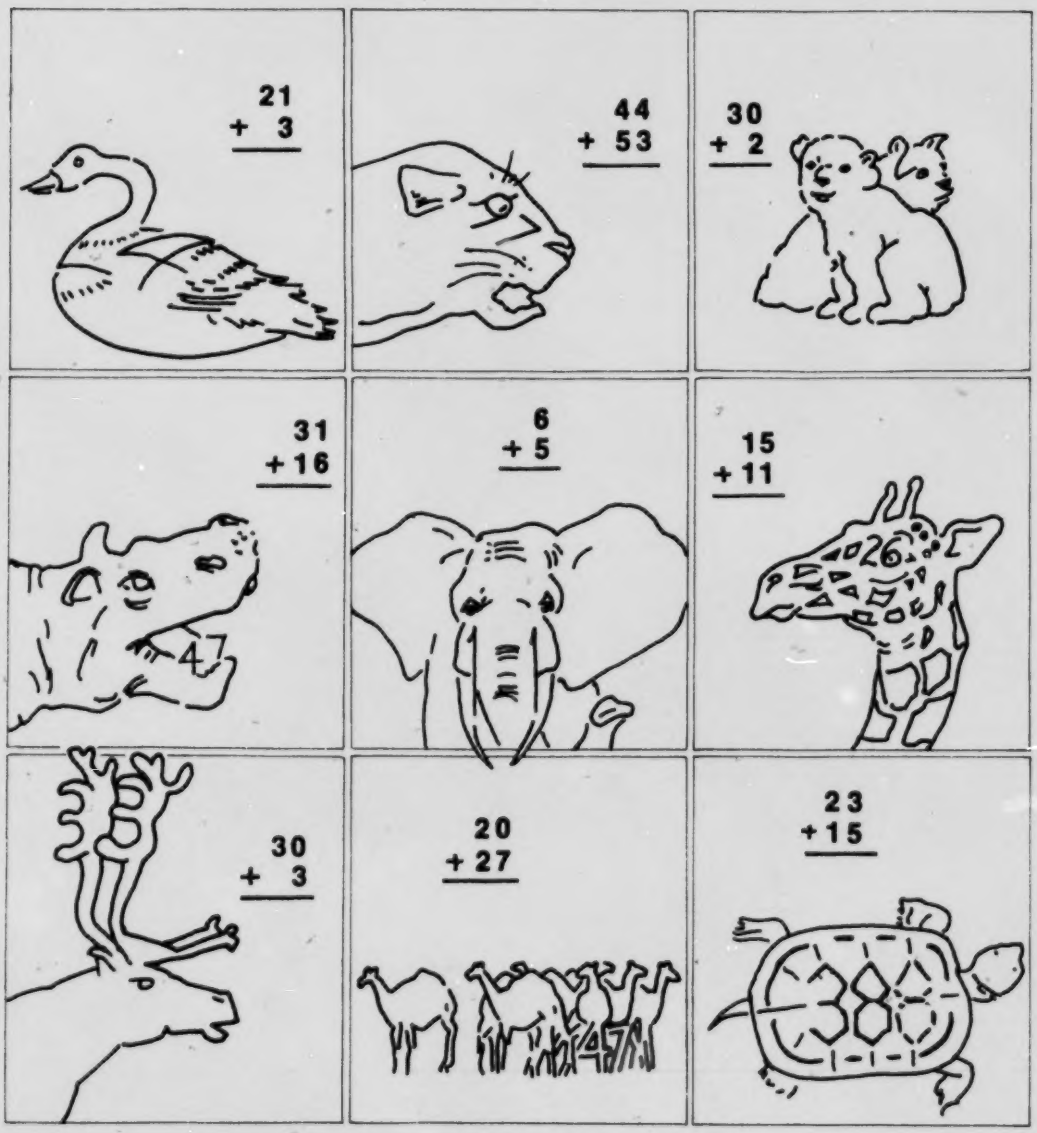
Row 1	313	542	653
Row 2	160	111	11
Row 3	+320	+222	+ 34

ACTIVITY EXERCISE #7

FIND THE ANSWER IN THE PICTURE

DIRECTIONS:

Below are 9 addition problems, with a small picture next to each problem. Add each problem. Then see if you can find the same answer hidden in the picture beside the problem. If you find the same answer hidden in the picture as you got for the problem, take a pencil and trace over the answer in the picture. Good luck!



Lisa finished the page of two- and three-column addition problems.

DIRECTIONS:

Lisa was asked to add numbers that were *not* in columns. Mr. Numbers showed her how to first write the numbers down in columns, and then add them. He showed her that they must line up <u>evenly</u> *on the right*. If they *don't* line up on the right, she would get the wrong answer!

EXAMPLES:

ADD 34 and 11.	*ADD 46 and 3.*	*ADD 201 and 85.*
34 +11 45 = sum	46 + 3 49 = sum	201 + 85 286 = sum

COLUMN A	COLUMN B	COLUMN C
Add 15 and 12.	Add 44 and 5.	Add 325 and 40.
Add 36 and 23.	Add 20 and 7.	Add 421 and 33.

BONUS PAGE!

Same as last page.

Add 13 and 42.

Add 301 and 25.

Add 46 and 222.

Add 14 and 340.

Add 243 and 34.

Add 10 and 617.

Add 23, 13, and 41.

Add 16, 72, and 12.

Add 10, 85, and 4.

Add 121, 413, and 42.

Add 100, 635, and 22.

Add 13, 111, and 5.

ACTIVITY EXERCISE #8

MATCH THE PROBLEMS AND ANSWERS

DIRECTIONS:

In column A there are addition problems. The correct answers for the problems can be found in column B. Match them by drawing connecting lines.

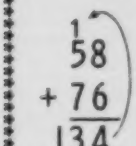
COLUMN A	COLUMN B
63 59 + 72	324
181 96 + 5	194
7 54 + 196	257
23 295 + 6	282

Lisa finished the page of addition problems that were not in columns.

DIRECTIONS:

Lisa was asked to find the sums of two-column addition problems involving carrying. She was told to follow the steps used in the example to help her solve the problems.

EXAMPLE



ALWAYS START WITH THE RIGHT-HAND COLUMN. 8 + 6 = 14. WRITE DOWN THE 4 AND CARRY THE 1 TO THE TOP OF THE COLUMN TO THE LEFT.

NOW, 1 + 5 + 7 = 13. WRITE DOWN THE 13 NEXT TO THE 4 ALREADY IN THE RIGHT COLUMN

134 is the sum or answer.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	47	29	87	17
Row 2	+65	+46	+35	+96
Row 1	25	76	32	56
Row 2	+75	+66	+78	+65
Row 1	47	91	44	16
Row 2	+95	+59	+77	+46

BONUS PAGE!

Same as the last page.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	17	19	81	17
Row 2	+23	+19	+49	+16
Row 1	33	45	77	84
Row 2	+87	+59	+77	+88
Row 1	23	87	94	11
Row 2	+78	+66	+56	+99

Add 88 and 78. Add 46 and 75. Add 72 and 19.

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	92	69	56	9
Row 2	+ 18	+ 21	+ 74	+ 77
Row 1	44	72	7	9
Row 2	+ 69	+ 38	+ 66	+ 88
Row 1	58	7	2	99
Row 2	+ 42	+ 34	+ 68	+ 22

Add 67 and 8. Add 5 and 38. Add 11 and 9.

ACTIVITY EXERCISE #9

FINDING WORDS

DIRECTIONS:

Below you will find the word "arithmetic" in large letters. How many other words that have at least three letters in them can you find in the word "arithmetic"? You are not allowed to use a letter more than one time in a word that you form, unless the letter is found more than once in the word "arithmetic." Do you understand? Good!

ARITHMETIC

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SURVEY TEST

DIRECTIONS:

Lisa was asked to find the sums (answers) of the following problems on this page. Don't be scared! The problems involve only addition work already learned. Good luck!

Row 1	8	9	6	0	33
Row 2	+7	+3	+0	+3	+5

Row 1	51	36	21	50
Row 2	+43	51	33	+74
Row 3		+10	+44	

Row 1	85	65	8	17
Row 2	+24	+7	+37	+96

ADD 26 and 8.

Best score possible = 14

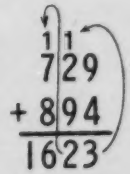
Student's score = number correct = _____

Lisa finished the addition problems involving two columns with carrying.

DIRECTIONS:

Lisa was asked to find the totals (sums) of the problems on this page. The problems involved three-column numbers with carrying. She was again asked to follow the steps used in the example. Mr. Numbers told her the example would help her solve the problems below.

EXAMPLE



ALWAYS START WITH THE RIGHT-HAND COLUMN! 9 + 4 = 13. WRITE DOWN THE 3 AND CARRY THE 1 TO THE TOP OF THE CENTER COLUMN.
THEN ADD: 1 + 2 + 9 = 12.
WRITE DOWN THE 2 AND CARRY THE 1 TO THE TOP OF THE LEFT COLUMN.
THEN ADD: 1 + 7 + 8 = 16. WRITE IT DOWN.
THE ANSWER IS 1623.

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	873	565	872	468
Row 2	+ 559	+ 757	+ 459	+ 753
Row 1	387	545	548	367
Row 2	+ 348	+ 777	+ 553	+ 174
Row 1	287	111	645	153
Row 2	+ 123	+ 999	+ 878	+ 279

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	545	676	859
Row 2	+ 778	+ 665	+ 758
Row 1	459	555	767
Row 2	+ 111	+ 555	+ 576
Row 1	566	767	557
Row 2	+ 465	+ 777	+ 43
Row 1	647	49	985
Row 2	+ 573	+ 774	+ 46

Add 829 and 73. Add 35 and 628. Add 875 and 5.

ACTIVITY EXERCISE #10

LUCKY-NUMBER POT

DIRECTIONS:

Here is a lucky-number pot. It is filled with numbers. Can you find the total (sum) of all the numbers in the pot?

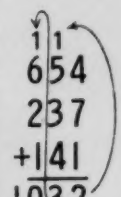
CLUE: The answer is somewhere between 125 and 150.

Lisa finished the addition problems page involving three-column numbers with carrying.

DIRECTIONS:

Lisa was asked to find the totals (sums) on this addition page. They involve completing (finishing) three-column and three-row problems with carrying. Just as before, she was asked to follow the steps used in the example. The example would show her how to solve the problems below.

EXAMPLE



ALWAYS START WITH THE RIGHT-HAND COLUMN. 4 + 7 + 1 = 12. WRITE DOWN THE 2 AND CARRY THE 1 TO THE TOP OF THE CENTER COLUMN.

THEN ADD: 1 + 5 + 3 + 4 = 13. WRITE DOWN THE 3 AND CARRY THE 1 TO THE TOP OF THE FAR-LEFT COLUMN.

THEN ADD: 1 + 6 + 2 + 1 = 10. WRITE IT DOWN NEXT TO THE OTHER NUMBERS ALREADY THERE.

THE ANSWER IS 1032.

	COLUMN A	COLUMN B	COLUMN C
Row 1	576	726	604
Row 2	203	625	465
Row 3	+561	+970	+378

Row 1	729	834	507
Row 2	190	444	720
Row 3	+654	+222	+998

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	637	333	844
Row 2	882	555	454
Row 3	+ 441	+ 666	+ 2

Row 1	647	914	746
Row 2	542	367	32
Row 3	+ 201	+ 747	+ 522

Row 1	542	221	877
Row 2	123	567	3
Row 3	+ 576	+ 665	+ 135

Row 1	423	701	527
Row 2	405	12	36
Row 3	+ 442	+ 679	+ 327

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	801	558	675
Row 2	801	112	431
Row 3	+809	+ 99	+677

Row 1	587	5	763
Row 2	66	100	955
Row 3	+ 105	+ 96	+ 172

Row 1	564	90	592
Row 2	465	4	62
Row 3	+302	+819	+ 116

Add:
69, 777, and 5.

Add:
200, 111, and 89.

Add:
5, 34, and 191.

ACTIVITY EXERCISE # 11

FINDING WORDS

DIRECTIONS:

Below you will find the word "addition" in large letters. How many other words that have at least three letters in them can you find in the word "addition"? You are not allowed to use a letter more than one time in each word that you form, unless it is found more than once in the word "addition."

ADDITION

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ACTIVITY EXERCISE # 12

SNAIL ADDITION PUZZLE

DIRECTIONS:

Here is an addition snail. The answers are all given for you. You have to figure out what numbers should be written into the blank spaces to make the answers correct. Keep adding until you reach the center of the addition snail. To figure out the answer to this addition snail, keep turning the snail in the direction you have to go as you are working.

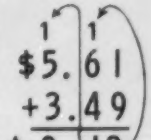
GOOD LUCK!

Lisa finished the addition problems involving three-column and three-row carrying.

DIRECTIONS:

Lisa was asked to find the sums (totals) of the addition problems on this page, involving three-column problems with carrying. She was told they were money problems. The problems had decimal points and dollar signs, and the answers would also have decimal points and dollar signs. As Lisa had done before, in order to be accurate, she would have to check her answers. An example was given to help Lisa.

EXAMPLE



ALWAYS START WITH THE RIGHT-HAND COLUMN. 1 + 9 = 10. WRITE DOWN THE 0 AND CARRY THE 1 TO THE TOP OF THE CENTER COLUMN.

THEN ADD: 1 + 6 + 4 = 11. WRITE DOWN THE 1 AND CARRY THE OTHER 1 TO THE TOP OF THE FAR-LEFT COLUMN.

THEN ADD: 1 + 5 + 3 = 9. WRITE IT DOWN NEXT TO THE OTHER NUMBERS ALREADY THERE.

THE DECIMAL POINT AND DOLLAR SIGN ARE PUT IN EXACTLY BELOW THE ONES IN THE PROBLEM.

THE TOTAL IS $9.10.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 2.35	$ 5.47	$ 4.97
Row 2	+ 1.96	+ 2.63	+ 3.23
Row 1	$ .63	$ 9.29	$ 9.99
Row 2	+ 9.37	+ 1.91	+ 1.01

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 5.73	$ 6.07	$ 7.11
Row 2	+ 1.28	+ 4.85	+ 7.99
Row 1	$ 6.35	$ 9.24	$ 4.59
Row 2	+ 6.66	+ 5.97	+ 5.67
Row 1	$ 6.33	$ 6.96	$ .89
Row 2	+ 1.89	+ .04	+ 3.45
Row 1	$ 2.62	$ 6.55	$ 4.34
Row 2	+ 5.79	+ .09	+ 2.87

Add $6.75 and $.25. Add $9.98 and $.49. Add $6.50 and $7.50

ACTIVITY EXERCISE # 13

THE GROCERY STORE

DIRECTIONS:

Here is a list of grocery items and prices. Use the list to help fill the customers' grocery orders below. Find out the total of each customer's grocery order. Lisa and her friends are the customers buying the groceries!

Example below!

Milk -- 1 qt. (quart)	$.47	Soup, can	$ .29
Eggs -- 1 doz. (dozen)	.89	Rice, box	.89
Bread -- 1 loaf	.52	Apples, 6 for	.72
Orange juice -- 1 qt.	.59	Butter, 1 lb. (pound)	.99
Cheese, package	.89	Soap, bar	.24
Pears, 6 for	.81	Tuna, can	.71

Name	Items Purchased	Addition Work Space	Total Bill
LISA	1 loaf BREAD 1 lb. BUTTER 1 can TUNA 1 qt. MILK	$ .52 bread .99 butter .71 tuna + .47 milk $2.69 = sum or total bill	$ 2.69
JOAN	1 qt. ORANGE JUICE 1 loaf BREAD 1 pkg. CHEESE 1 doz. EGGS		

HERE IS AN EXAMPLE THAT HAS BEEN DONE FOR YOU.

BONUS PAGE!

Same as last page. Use the same grocery list of prices.

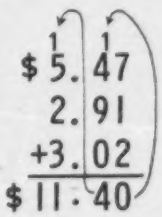
Name	Items Purchased	Addition Work Space	Total Bill
ED	6 APPLES 6 PEARS 2 bars SOAP 1 can TUNA 1 box RICE		
BRIAN	2 qts. MILK 1 doz. EGGS 1 qt. ORANGE JUICE 6 PEARS 2 cans TUNA 1 pkg. CHEESE		
CAROL	3 bars SOAP 2 boxes RICE 2 cans SOUP 1 loaf BREAD 1 lb. BUTTER 1 can TUNA		

Lisa finished the last page involving three-column carrying problems with dollar signs and decimal points. She checked her totals (sums) for accuracy.

DIRECTIONS:

Lisa was asked to find the totals on this page of addition problems. The problems covered (involved) three-column and three-row carrying. Again, they all had decimal points and dollar signs, for they were money problems. Accuracy was important! An example was again included.

EXAMPLE:



ALWAYS START WITH THE RIGHT-HAND COLUMN. 7 + 1 + 2 = 10. WRITE DOWN THE 0 AND CARRY THE 1.
THEN ADD: 1 + 4 + 9 + 0 = 14. WRITE DOWN THE 4 AND CARRY THE 1.
THEN ADD: 1 + 5 + 2 + 3 = 11. WRITE DOWN THE 11.
ONCE YOU GET YOUR ANSWER, DON'T FORGET THE DECIMAL POINT AND DOLLAR SIGN! PUT THEM IN THE SAME PLACES AS THEY ARE FOUND IN THE PROBLEM.
THE SUM IS $11.40.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 6.24	$ 7.63	$ 8.91
Row 2	3.89	4.55	4.53
Row 3	+ 6.21	+ 2.87	+ 4.76
Row 1	$ 9.29	$ 3.20	$ .81
Row 2	6.45	5.68	6.27
Row 3	+ 5.36	+ 6.54	+ 3.55

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 6.31	$ 3.51	$ 5.92
Row 2	5.47	.46	.08
Row 3	+ 5.63	+ .23	+ 6.11

Row 1	$ .87	$ 2.15	$ 5.40
Row 2	6.07	6.39	.18
Row 3	+ .50	+ .02	+ .70

Row 1	$ .91	$ 7.32	$ 9.99
Row 2	.09	3.45	.45
Row 3	+ 5.63	+ 6.77	+ 4.20

Add $8.72, $2.50, and $.69.

Add $4.20, $.95, and $2.45.

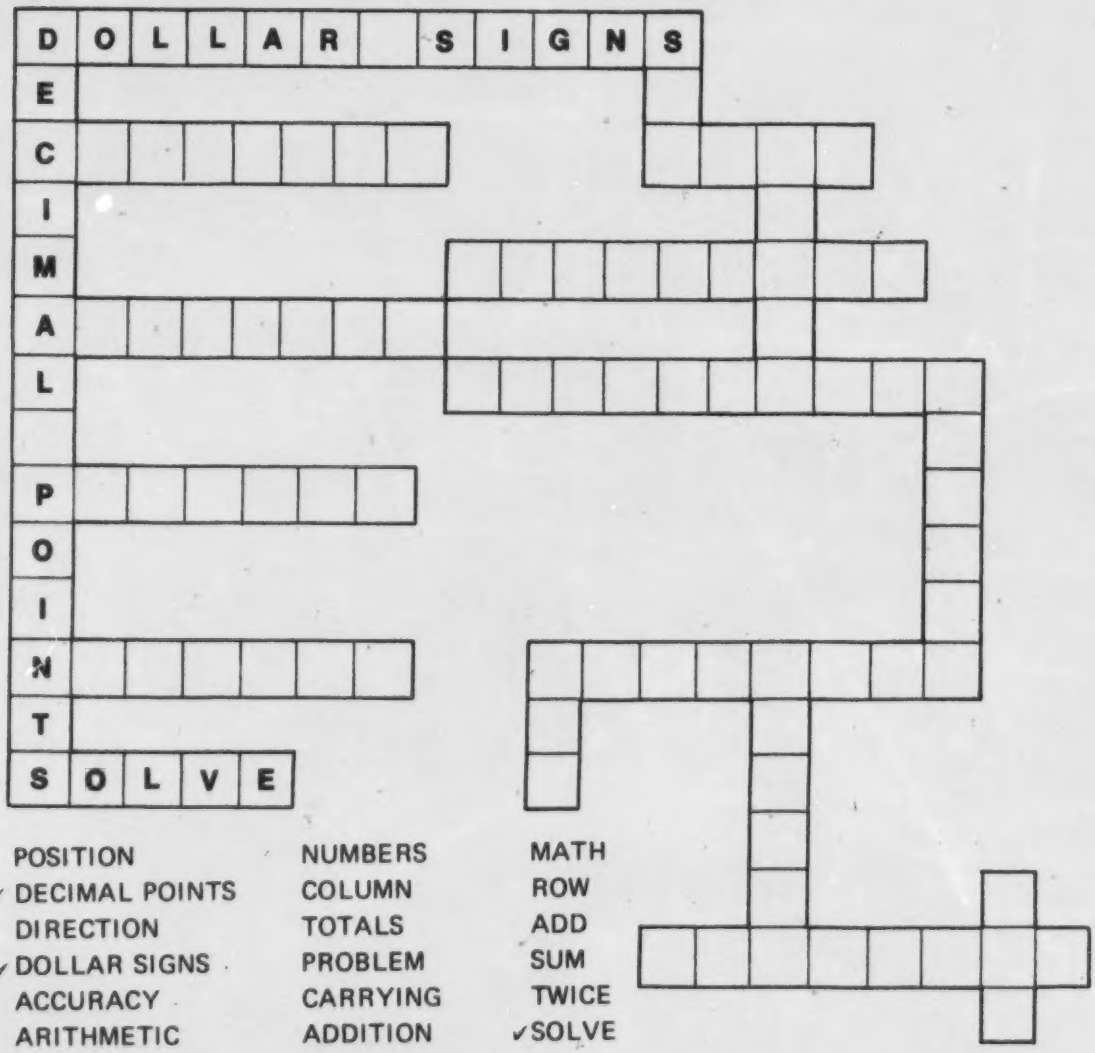
ACTIVITY EXERCISE # 14

FIND AND FIT – CROSSWORD PUZZLE

DIRECTIONS:

All the addition vocabulary words on the bottom of the page fit into the puzzle below. To solve the puzzle, look at the letter already printed for a word. Then guess which word *might* fill the other squares. Count the number of squares and the number of letters in the word. If the word fits, print it in. If not, look for another word that does have the right number of letters. Got any questions?

CLUE: There is only one correct space for each puzzle word!



POSITION	NUMBERS	MATH
✓ DECIMAL POINTS	COLUMN	ROW
DIRECTION	TOTALS	ADD
✓ DOLLAR SIGNS	PROBLEM	SUM
ACCURACY	CARRYING	TWICE
ARITHMETIC	ADDITION	✓ SOLVE

The puzzle has been started for you!

ACTIVITY EXERCISE # 15

UNSCRAMBLE THE WORDS

DIRECTIONS:

Below these directions, you will find two groups of 9 addition vocabulary words, all spelled properly. Under the words you will again find the addition vocabulary words. This time they are all scrambled up. Using the correctly spelled words, can you unscramble the scrambled words? Write them in the empty boxes. Check them off as you solve this puzzle.

EXAMPLE

GROUP 1	
SOLVE	ACCURACY
TOTAL	ROW
SUM	ADD
COLUMN	NUMBERS
DIRECTION	

ATOLT	TOTAL
BERNUMS	
RAYCUCAC	
UMS	
DAD	
RECDITION	
LOVES	
WOR	
LOCMUN	

GROUP 2	
POSITION	TWICE
MATH	PROBLEM
ARITHMETIC	ADDITION
CARRYING	DOLLAR SIGNS
DECIMAL POINTS	

ROPLEMB
RODALL SNISG
CITWE
SIOPTION
THAM
MEALCID TIPSON
METRITHAIC
TADDIONI
RYCARING

Lisa finished the addition page involving three-column and three-row carrying. All the problems also used decimal points and dollar signs. Again she checked her sums for accuracy. She was now ready to try more difficult addition problems.

DIRECTIONS:

Lisa was asked to find the sums on this page of addition problems. The problems all contain decimal points and dollar signs and all involve carrying. Good luck!

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 3.57	$ 7.13	$ 57.02
Row 2	6.11	4.15	.62
Row 3	21.04	.16	.05
Row 4	+ 17.16	+91.11	+ 4.33

Row 1	$ 16.52	$ 15.50	$ 17.61
Row 2	5.47	.05	7.92
Row 3	.92	4.32	.02
Row 4	+ 8.11	+ 3.11	+ 51.32

USE ACCURACY, CARE, AND NEATNESS!!!!

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ .05	$ 17.22	$ .41
Row 2	15.16	.02	.51
Row 3	.43	7.22	.16
Row 4	+ 3.33	+ .72	+ 13.82

Row 1	$ 7.66	$ 51.29	$ 61.53
Row 2	91.11	40.66	3.39
Row 3	54.13	90.99	.09
Row 4	+ .07	+ 79.99	+ .39

Row 1	$ 17.11	$ 33.33	$ 62.11
Row 2	15.46	43.33	.01
Row 3	16.46	55.55	1.91
Row 4	+ 11.17	+ 99.99	+ 17.01

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$54.03	$17.09	$39.91
Row 2	6.04	63.54	49.19
Row 3	.05	37.47	89.99
Row 4	+ 7.11	+ 5.46	+59.99

Row 1	$81.81	$84.93	$62.02
Row 2	1.81	34.98	.99
Row 3	8.99	68.79	.01
Row 4	+ .09	+98.76	+ 8.37

Add $57.63, $3.00, $.05, and $99.92.

Add $54.91, $1.45, $.65, and $99.52.

ACTIVITY EXERCISE # 16

JACKSEN'S FLORIST SHOP

DIRECTIONS:

Below is a price chart for flowers that can be purchased at Jacksen's Florist Shop. Lisa is the salesperson. Help her figure out the total cost of each customer's flower order. Do your work in the work space and write down your answer in the Total column.

PRICE CHART

Roses	$1.25 each
Tulips	$1.25 each
Carnations	$ .45 each
Daisies	$ .59 each
Pansies	$ .65 each

FLOWER ORDER	WORK SPACE	TOTAL BILL
1. 3 roses 2 carnations	3 ROSES $1.25 + 1.25 + 1.25 = $3.75 2 CARNATIONS $.45 + .45 = $.90 $3.75 ROSES + .90 CARNATIONS = $4.65 SUM OR TOTAL	$4.65
2. 2 roses 3 daisies 1 tulip		

EXAMPLE

Now go on to the next page.

FLOWER ORDER	WORK SPACE	TOTAL BILL
3. 4 carnations 5 roses 1 tulip 3 pansies		
4. 6 roses 5 tulips 3 daisies 1 pansy		
5. 6 tulips 2 roses 3 carnations 3 daisies 2 pansies		

SURVEY TEST

DIRECTIONS:

Lisa was asked to find the totals of the problems on this page. The problems involve only material already learned about addition. Good luck!

Best score possible = 16

Student's score = number correct = _____

	COLUMN A	COLUMN B	COLUMN C	COLUMN D
Row 1	287	645	877	60
Row 2	+123	+878	3	9
Row 3			+135	+542
Row 1	557	676	$ 7.76	$ 9.24
Row 2	723	203	+ .27	+5.97
Row 3	+333	+561		
Row 1	$ .87	$5.92	$5.47	$2.15
Row 2	6.07	.08	2.91	6.39
Row 3	+ .50	+6.11	+3.02	+5.02
Row 1	$17.22	$ .05	$57.63	$97.76
Row 2	.02	1.05	36.75	17.97
Row 3	7.22	31.90	76.54	59.74
Row 4	+ .72	+62.47	+87.92	+56.02

ACTIVITY EXERCISE # 17

MARIE'S DRY-CLEANING SHOP

DIRECTIONS:

Lisa has a friend, Marie, who owns a dry-cleaning shop. Sometimes on a busy Saturday, Lisa helps Marie out by being a salesperson for the day, just as she does at her job in Jacksen's Flower Shop.

Below is a price chart for the cost of dry-cleaning services at Marie's Dry Cleaning Shop. Help Lisa figure out the total cost of each customer's dry cleaning order! Do your work in the work space, and write down your answer in the Total column.

PRICE CHART

Pants	$1.00 per pair
Shirts	$ .60 each
Sport Jackets	$1.25 each
Skirts	$ .95 each
Coats	$3.00 each
Sweaters	$1.00 each

CUSTOMER'S ORDER	WORK SPACE	TOTAL BILL
1. 1 skirt 1 coat EXAMPLE	$.95 = SKIRT + 3.00 = COAT $3.95 = TOTAL BILL	$3.95
2. 2 sport jackets 2 pairs of pants		

Now work the problems on the next page.

CUSTOMER'S ORDER	WORK SPACE	TOTAL BILL
3. 2 coats 2 pants 2 sweaters 2 shirts		
4. 5 pants 1 sport jacket		
5. 5 coats 5 pants		

ACTIVITY EXERCISE # 18

LETTER FILL-INS

DIRECTIONS:

Below, you will find 15 vocabulary words about addition, with their correct spellings. You have been learning them and using them. Below those words, you will find the same list of 15 words, but this time some letters are missing from the spelling of each word. Use the correctly spelled words to help you fill in the missing letters.

ACCURACY	TWICE	ADD
CARRYING	ARITHMETIC	TOTAL
COLUMN	DECIMAL POINT	ADDITION
SUM	DOLLAR SIGN	PROBLEM
ROW	NUMBERS	POSITION

① __ri__met__

② D__l_r si__

③ Ca__yi_g

④ N_mb__s

⑤ P___t__n

⑥ A_c_r_c__

⑦ A__it__n

⑧ T_ic__

⑨ S_m

⑩ T__a__

⑪ R__

⑫ __d

⑬ Pr____em

⑭ C_l_m_

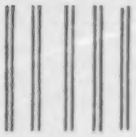
⑮ De__mal p___t

ACTIVITY EXERCISE # 19

MATCHING WORDS WITH MEANINGS

DIRECTIONS:

This activity is matching the addition-vocabulary words with their meanings. For every number, sign, word, or group of words in Column A, draw a line to the one that means the same thing in Column B. They only match if they mean the exact same thing.

COLUMN A	COLUMN B
ROWS	NUMBERS
COLUMNS	+
CARRYING	6.25
EQUAL	TOTAL
TWO TIMES	TWICE
ADD	DOLLAR SIGN
$	=
SUM	BRINGING OVER TO THE TOP OF THE COLUMN TO THE LEFT.
DECIMAL POINT	
1, 2, 3, 4, 5, 6, 7, 8, 9, 10	

If Lisa keeps it up, she might become a human calculator! Her work also shows great care, neatness, and accuracy. Lisa's addition work has greatly improved.

DIRECTIONS:

Just as she had done on the last addition page, Lisa was asked to find the sums on this page. The problems all contain decimal points, dollar signs, and carrying.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 811.57	$ 56.50	$ .09
Row 2	4.56	456.56	81.45
Row 3	61.92	91.05	6.32
Row 4	+ 711.80	+ .09	+ 777.63

Row 1	$ 965.71	$ 61.54	$ 905.63
Row 2	5.42	3.77	5.91
Row 3	8.91	.02	211.11
Row 4	+ 799.11	+ 654.32	+ 76.45

Row 1	819.91	999.99	765.48
Row 2	3.33	555.55	546.21
Row 3	62.47	444.44	973.84
Row 4	+ 716.61	+ 777.77	+ 621.79

BONUS PAGE !

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 2.01	$ 877.67	$ 594.32
Row 2	543.10	786.78	.07
Row 3	123.45	668.76	.09
Row 4	+321.54	+ 777.87	+ .99

Row 1	$ 555.62	$ 63.04	$ 876.45
Row 2	61.91	871.19	2.01
Row 3	77.81	54.49	1.02
Row 4	+877.55	+675.78	+999.57

Row 1	$ 876.78	$ .23	$ 562.81
Row 2	678.67	4.39	78.91
Row 3	543.54	61.39	5.44
Row 4	+987.98	+924.54	+ .99

ACTIVITY EXERCISE # 20

ADDITION TRUE-OR-FALSE GAME

DIRECTIONS:

Below you will find addition problems and an answer next to each problem. Add each problem carefully, to see if the answer given is true or false. If the answer is false, cross it out, and in the blank space, put in the correct answer. If the answer is true, put the exact same answer in the blank space.

EXAMPLES

Example #1

```
  12 1
$  2.73
   4.51
  55.66
+711.11
$774.01
```

If the answer is true

774.01

Example #2

```
 122 1
$622.48
  37.63
  45.96
+ 27.11
$743.19
```

If the answer is false

733.18

```
$  6.53
   7.21
+  8.44
$ 22.18
```

Ans. # 1 _____

```
$ 92.15
  65.12
+ 44.13
$200.40
```

Ans. #2 _____

```
$543.21
 999.99
  62.11
+  3.17
$1608.48
```

Ans. #3 _____

```
$  91.44
  356.57
  872.92
+ 911.86
$2227.79
```

Ans. #4 _____

ACTIVITY EXERCISE # 21

LETTER FILL-INS

DIRECTIONS:

Below these directions, you will find 18 addition vocabulary words, all spelled properly. Under the words, you will again find the addition vocabulary words. This time, however, they have been started for you, but you have to finish the spelling of each word, using the correctly spelled words. Good luck!

SOLVE	ACCURACY	MATH	ADDITION	ADD
TOTAL	ROW	ARITHMETIC	DOLLAR SIGN	POSITION
SUM	NUMBERS	CARRYING	DECIMAL POINT	PROBLEM
	DIRECTION	TWICE	COLUMN	

① arith _____

② doll__ _____

③ num_____

④ direc _____

⑤ carr _____

⑥ posit_ _ _

⑦ acc_____

⑧ add_____

⑨ pr _____

⑩ tw _ _ _

⑪ r _ _

⑫ so _ _ _

⑬ to _ _ _

⑭ col _ _ _

⑮ m _ _ _

⑯ s _ _

⑰ a _ _

⑱ deci_ _ _ _____

ACTIVITY EXERCISE # 22

FINDING THE HIDDEN VOCABULARY WORDS

DIRECTIONS:

Below are the addition vocabulary words you have been learning. They are all spelled correctly. They all fit into the alphabet puzzle on this page. The words go either across or down. Find all the words, and good luck!

NUMBER	DOLLAR SIGN	DECIMAL POINT
SOLVE	ARITHMETIC	CARRYING
COLUMN	ROW	ADD
PROBLEM	SUM	ACCURACY
DIRECTION	TOTAL	TWICE
POSITION	MATH	EQUAL
	ADDITION	

D A D D E A R I T H M E T I C D T D
O C O I T J O Y E C A R R Y I N G I
L A C C U R A C Y O T R S I E R E R
L R N B A E Q U A L T C M I O C L E
A Y U R D E C I M A L P O I N T A C
R I M U D I P A C R I O E R A I O T
S N B U I T I C D S E S U M R O W I
I G E T T O T A L I Y I J O P N E O
G W R R I U T R E G I T W I C E M N
N W P R O B L E M N E I W E R E A C
T D E R N N B F S E S O L V E T T C
A B I T R E C O L U M N F E E R H T

Lisa is doing great work! Her addition work shows care, neatness, and accuracy.

DIRECTIONS:

Just as she had done on the last page of addition problems, Lisa was again asked to find the sums on this page. The problems all contain decimal points and dollar signs and involve carrying. But, they are harder problems! She had better be careful.

	COLUMN A	COLUMN B
Row 1	$ 9154.32	$ 6791.45
Row 2	876.31	787.62
Row 3	920.54	.03
Row 4	+9999.99	+ 9.11

Row 1	$ 5498.56	$ 9156.23
Row 2	6333.33	56.32
Row 3	8145.79	165.23
Row 4	+5625.97	+3265.19

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B
Row 1	$ 7654.32	$ 9876.54
Row 2	819.23	8765.43
Row 3	222.38	7654.32
Row 4	+ 8776.54	+ 2345.67

Row 1	$ 7154.36	$ 9154.87
Row 2	8932.58	6776.76
Row 3	2056.05	8768.88
Row 4	+ 5763.20	+ 5944.45

Row 1	$ 9156.32	$ 7654.32
Row 2	3191.57	495.23
Row 3	387.05	95.45
Row 4	+ .09	+ 5.47

ACTIVITY EXERCISE # 23

BINGO VOCABULARY GAME

DIRECTIONS:

Below you will see something that looks like a bingo card without the numbers. You will also see a lot of words. Pick out any of the words you wish and write one of them in each empty box, in ink. Write a different word in each of the 24 boxes.

Your teacher will call out the words one at a time. If you have a word on your card, circle it in pencil. To win, you must circle a complete column or row of words, or a line of words from corner to corner. Good luck!.

COMPLETE	QUICKLY	MONEY	BELOW
EXPLAIN	SUM	TWICE	ITEM
ENJOY	DISCUSS	CARRYING	NUMBER
CONCERN	POSITION	DIRECTION	SOLVE
IMPORTANT	STEP	EXAMPLE	PROBLEM
DECIDE	COLUMN	ARITHMETIC	DOLLAR SIGN
IMPROVEMENT	ACCURACY	FINISH	ROW
ADVERTISEMENT	PURCHASE	ADDITION	INVOLVE
BUY	UNDERSTAND	FIGURE	MATH
EQUAL	INCORRECT	DISTANCE	ADD
VOCABULARY	NEATNESS	DIFFICULT	SENTENCE
BETWEEN	TOTAL	CONTAIN	CORRECT
CALCULATOR	DECIMAL POINT	ANSWER	CUSTOMER
FOLLOW	ATTEND	START	ZERO

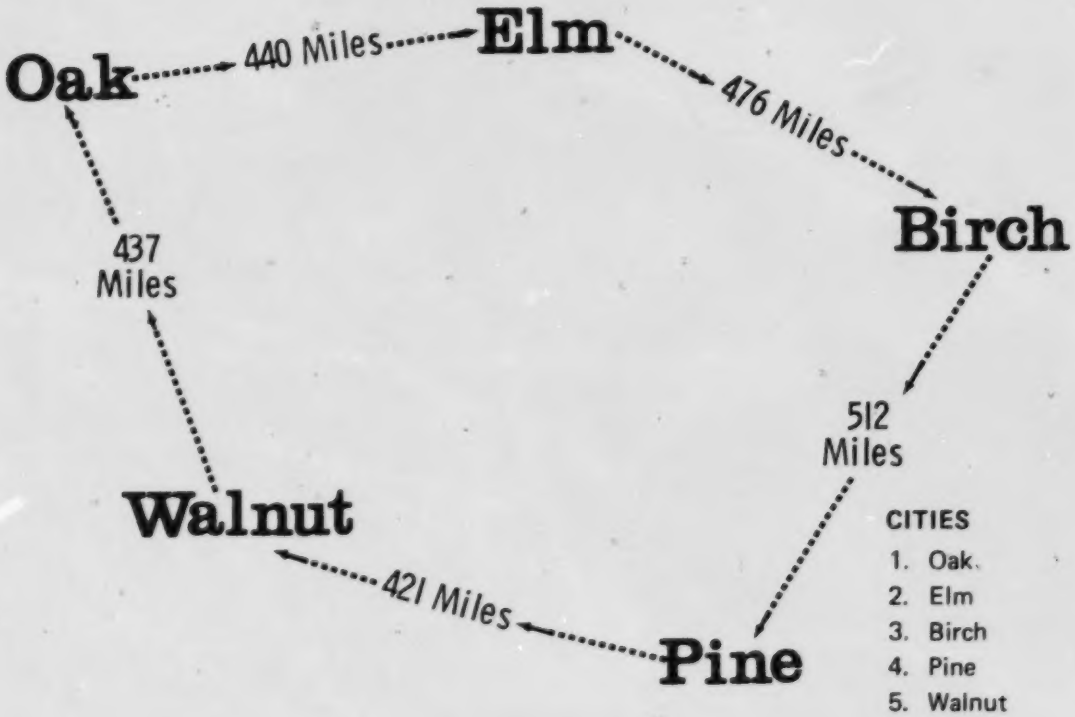
		FREE		

ACTIVITY EXERCISE # 24

TOTAL THE MILES TRAVELED

DIRECTIONS:

Here is a road map. The map tells you the distance in miles between the different cities on the map. Answer the questions below, by using the road map to figure the answers. *Follow the arrows on the map. You must go in only one direction.*



1. How many miles is it from Oak to Elm? _____
2. How many miles is it from Birch to Pine? _____
3. How many miles is it from Walnut to Oak? _____
4. How many miles is it from Elm to Birch? _____
5. How many miles is it from Pine to Walnut? _____

TURN TO NEXT PAGE, PLEASE!

Use the same map to work out the answers to the problems on this page.

REMEMBER: Follow the arrows on the map. You must go in only one direction!

1. How many miles is it from Oak to Elm to Birch? _____

2. How many miles is it from Birch to Pine to Walnut? _____

3. How many miles is it from Elm to Birch to Pine? _____

4. How many miles is it from Pine to Walnut to Oak? _____

5. How many miles is it from Oak to Pine? _____

6. How many miles is it from Birch to Oak? _____

7. How many miles is it from Elm to Walnut? _____

8. How many miles is it from Oak to Walnut? _____

BONUS QUESTION:

Do you notice anything about the names of all the cities?

SURVEY TEST

DIRECTIONS:

Lisa was asked to find the totals of the following problems on this page. The problems are the kind you have already been learning. Good luck!

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 811.57	$ 677.67	$ 913.54
Row 2	4.56	76.67	852.10
Row 3	61.92	67.76	165.49
Row 4	+ 711.80	+ .76	+ 718.45

Row 1	$ 517.76	$ .99	$ 9156.32
Row 2	347.76	8.91	3191.57
Row 3	267.74	59.91	387.05
Row 4	+ 176.47	+ 6254.77	+ .09

Row 1	$ 1000.01	$ 9347.20
Row 2	1010.10	2029.52
Row 3	1110.01	5959.87
Row 4	7766.67	6146.03
Row 5	+ 8899.99	+ 72.01

Best score possible = 8

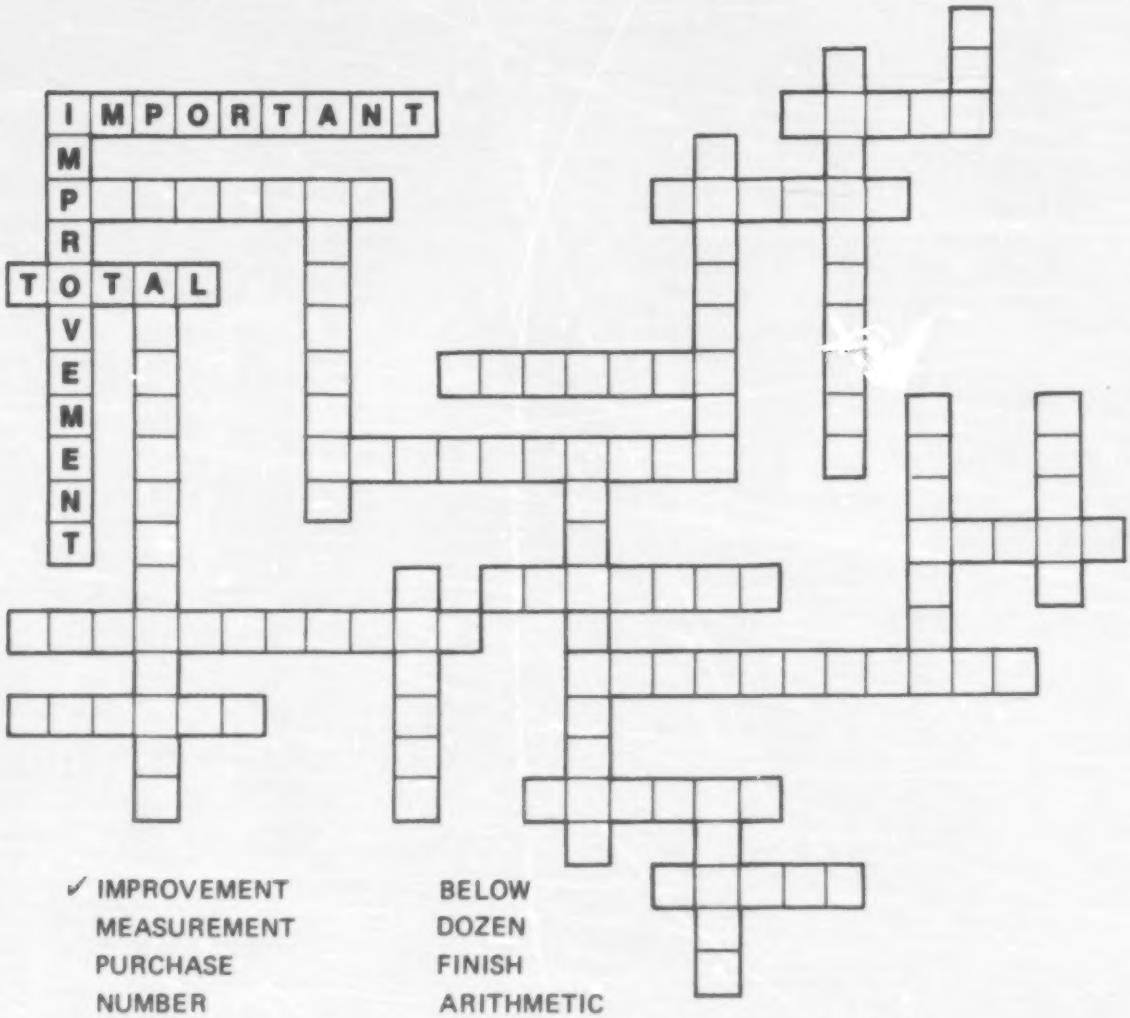
Student's score = number correct = _____

ACTIVITY EXERCISE # 25

FIND AND FIT – CROSSWORD PUZZLE

DIRECTIONS:

Some of the words you have learned are on the bottom of this page. Fit each word into the proper puzzle space, just as you did on page 42. Good luck!.



✓ IMPROVEMENT	BELOW	
MEASUREMENT	DOZEN	
PURCHASE	FINISH	
NUMBER	ARITHMETIC	
MONEY	FOLLOW	ENJOY
SENTENCE	UNDERSTAND	✓ TOTAL
PROBLEM	EXAMPLE	BUY
CALCULATOR	BETWEEN	STEPS
✓ IMPORTANT	CUSTOMER	SALESPERSON
ATTEND	ADVERTISEMENT	

The puzzle has been started for you!

Mr. Numbers was very proud of Lisa and he told her so. This made Lisa so happy that she completed the following problems correctly. Can you?

DIRECTIONS:

Lisa was asked to add these last pages of addition problems. As usual, she was told to be neat, careful and accurate in her work.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 9154.32	$ 5001.15	$ 3654.23
Row 2	7645.73	1510.51	8197.11
Row 3	219.89	2152.12	4444.44
Row 4	6254.37	1251.25	321.10
Row 5	7767.76	5212.21	11.11
Row 6	+ 62.31	+ 1025.00	+ 7654.32

Row 1	$ 8711.92	$ 3254.67	$ 8181.79
Row 2	600.00	8711.92	7976.54
Row 3	5000.00	.05	4567.89
Row 4	9000.00	6.11	2112.10
Row 5	8008.88	797.33	1023.32
Row 6	+ 7777.77	+ 5429.92	+ 4366.62

BONUS PAGE!

Same as last page.

	COLUMN A	COLUMN B	COLUMN C
Row 1	$ 1000.01	$ .07	$ 6213.45
Row 2	1010.10	.77	4792.81
Row 3	1110.01	7.77	8716.54
Row 4	1010.01	77.77	9118.78
Row 5	1001.10	777.77	6235.43
Row 6	7776.67	777.77	8765.42
Row 7	+ 8899.99	+ 7777.77	+ 1111.11

Row 1	$ 1212.11	$ 3654.21	$ 8767.54
Row 2	3232.23	9000.20	911.11
Row 3	4556.45	5999.99	111.11
Row 4	7677.87	6111.01	.03
Row 5	9787.89	72.01	.99
Row 6	6788.78	.01	7777.77
Row 7	+ 2321.47	+ 5.02	+ 6254.31

ACTIVITY EXERCISE # 26

NUMBERGER'S DEPARTMENT STORE

DIRECTIONS:

Here is an advertisement from Numberger's Department Store. Help Lisa use it to do the problems below. Good luck!

1. How much money will it cost to buy the Proctor-Silex toaster? _____

2. How much money will it cost to buy the Sony 15-inch color TV set? _____

3. How much money will it cost to buy the GE AM/FM clock radio? _____

4. How much money will it cost to buy the Westinghouse deluxe washer? _____

GO TO NEXT PAGE, PLEASE!

5. How much will it cost to buy the Westinghouse 13-pound dryer? _____

6. How much money will it cost to buy the GE pocket radio? _____

7. How much money will it cost to buy the GE pocket radio and the GE AM/FM clock radio? _____

8. How much money will it cost to buy the Sony 15-inch color TV set and the Westinghouse deluxe washer? _____

9. How much money will it cost to buy the Westinghouse 13-pound dryer and the Proctor-Silex toaster? _____

10. How much money will it cost to buy the GE pocket radio, the Proctor-Silex toaster, and the Westinghouse deluxe washer? _____

11. How much money will it cost to buy the GE AM/FM clock radio, the Sony 15-inch color TV set, and the Westinghouse 13-pound dryer? _____

BIG BONUS QUESTION:

12. How much money will it cost to buy everything sold in the advertisement? (Hint: there are six items.) _____

CHECK ALL YOUR ANSWERS!

ACTIVITY EXERCISE # 27

VOCABULARY SENTENCE SKILLS

DIRECTIONS:

Below you will find the addition vocabulary words you have been learning. Next to each word a sentence has been either started or finished for you. You must complete the sentence by using the addition vocabulary word in it. Good luck!

NUMBERS

1. EXAMPLE: John got his answer by adding the numbers.

ARITHMETIC

2. Lisa enjoys _____.

CARRYING

3. _____ is bringing numbers over to the top of the column to the left.

DECIMAL POINT

4. A _____ is that little dot between numbers.

SOLVE

5. Addition problems are not hard to _____.

ACCURACY

6. Lisa checked her answers for _____.

BONUS PAGE!

Same as last page.

TOTAL

7. The sum or answer to an addition problem can also be called a _____.

COLUMNS

8. _____ go down, from top to bottom.

ADDITION

9. You are doing _____.

ROWS

10. _____ go across, from left to right.

SUM

11. The answer or total of an addition problem can also be called a _____.

MATH

12. _____ involves working with numbers.

DOLLAR SIGN

13. We know we are working with money if the problem has a _____.

ADD

14. _____ to get the answer to the addition problem.

VOCABULARY

15. When you learn new words you are getting a bigger _____.

ACTIVITY EXERCISE # 28

MATCHING WORDS WITH THEIR MEANINGS

DIRECTIONS:

Using the words in the back of this book if you need help, match the vocabulary words in Column A with their correct meanings in Column B. Connect each word with its meaning by drawing a line between them. Good luck!

COLUMN A	COLUMN B
UNDERSTAND	To find the answer to
SOLVE	To talk over
NEATNESS	To finish; to get done
CORRECT	The space between two things
BUY	To get the meaning of
TWICE	Two times
DOLLAR	Being clean and in order
VOCABULARY	The place where a thing or person is
DISCUSS	A collection or list of words
QUICKLY	Being without mistakes; right
COMPLETE	Paper money used in the United States
DISTANCE	To get something by paying money
POSITION	Fast; very soon

Addition Diagnostic Test

After helping Lisa with her addition, Mr. Numbers decided to give her a practice test. He did this to see if she needed any further help with her addition.

DIRECTIONS:

On the next two pages, Lisa was asked to find the sums of the following addition problems. As usual, she was told to be neat, careful and accurate. Lisa completed as many problems as she could. Now, you should too. Good luck!

Best score possible = 30

Student's score = number correct = _____

	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E
Row 1	5	9	1	0	6
Row 2	+ 4	+ 2	+ 0	+ 6	3
Row 3					4
Row 4					+ 1

Row 1	31	75	522	11	7
Row 2	32	11	225	543	6
Row 3	+ 30	+ 12	+ 122	+ 432	9
Row 4					+ 4

Row 1	29	59	18	7	5
Row 2	+ 46	+ 95	+ 7	+ 66	+ 16

Addition Diagnostic Test (continued from last page.)

Row 1	877	49	663	487
Row 2	+ 36	+774	+559	+265

Row 1	726	333	$ 3.51	$ 3.20
Row 2	625	555	.46	5.68
Row 3	+971	+666	+2.37	+6.54

Row 1	$89.02	$54.03	$63.04	$555.62
Row 2	5.42	6.04	871.19	61.91
Row 3	71.63	.05	54.49	77.83
Row 4	+ 9.99	+61.11	+777.67	+664.67

Row 1	$6791.45	$8711.91	$5001.15
Row 2	787.62	2543.67	1510.51
Row 3	.03	9643.78	2152.12
Row 4	+ 9.11	8756.22	1251.25
Row 5		+1111.10	5212.21
Row 6			+1025.00

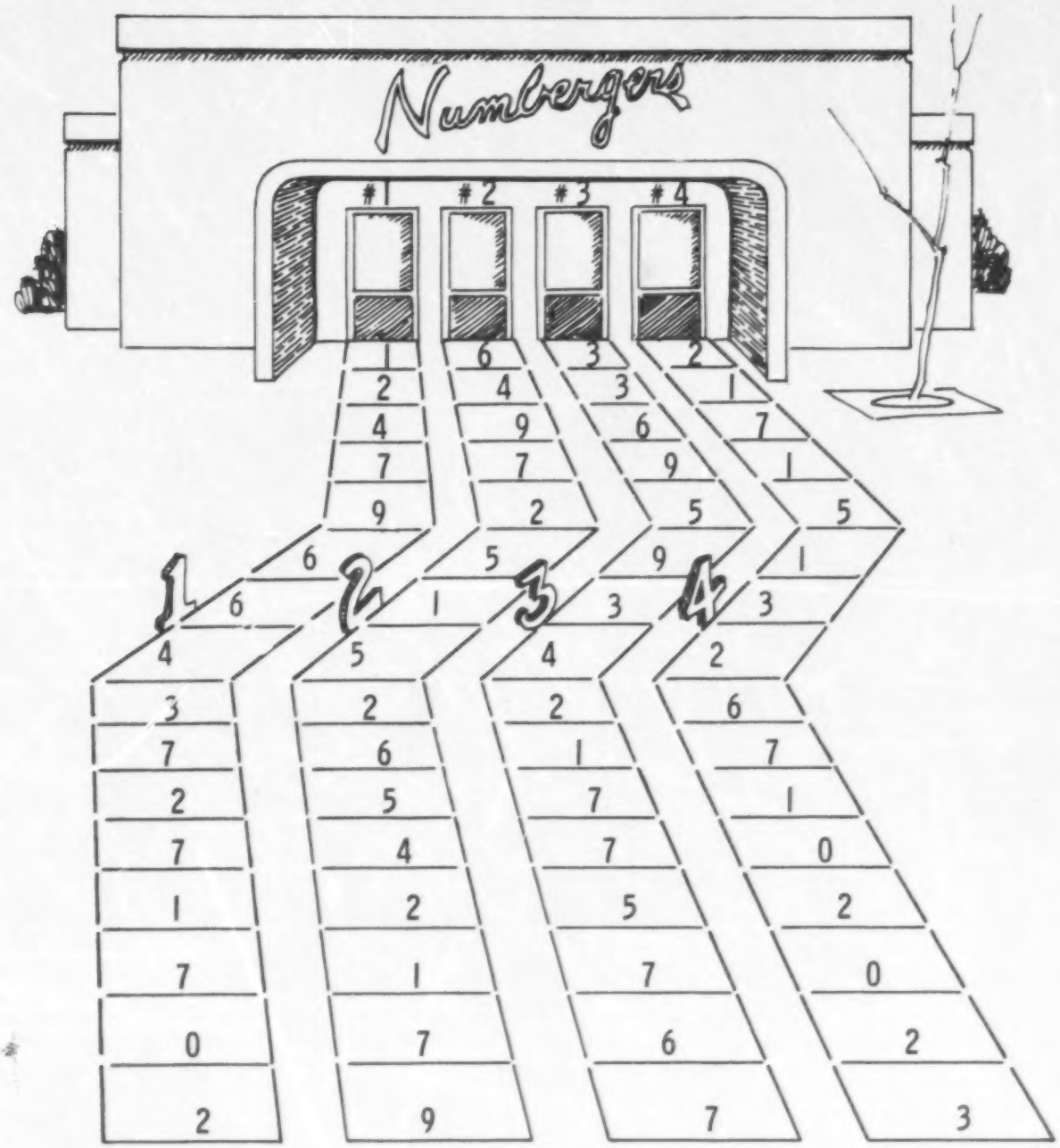
ACTIVITY EXERCISE # 29

WHICH ROAD LEADS TO THE STORE?

DIRECTIONS:

Below, you see Numberger's Department Store. The store has four doors and four paths that lead into the store. You are allowed to use only one path to get into the store. The path you are allowed to use is the one that adds up to 75 if you add all the numbers in the path correctly.

Which path adds up to 75? Is it path 1, 2, 3, or 4? *Good luck!*



ACTIVITY EXERCISE # 30

THE NUMBER JUNGLE

DIRECTIONS:

You see below a jungle circle that has hidden numbers in it. How many numbers can you find in the jungle? Put a circle around each number with a colored pencil.

What do all the numbers add up to? See if you can find them all. Good luck!

CLUE: The total is more than 40 but less than 50.

ACTIVITY EXERCISE # 31

THE FINAL WORD AND NUMBER SCRAMBLE

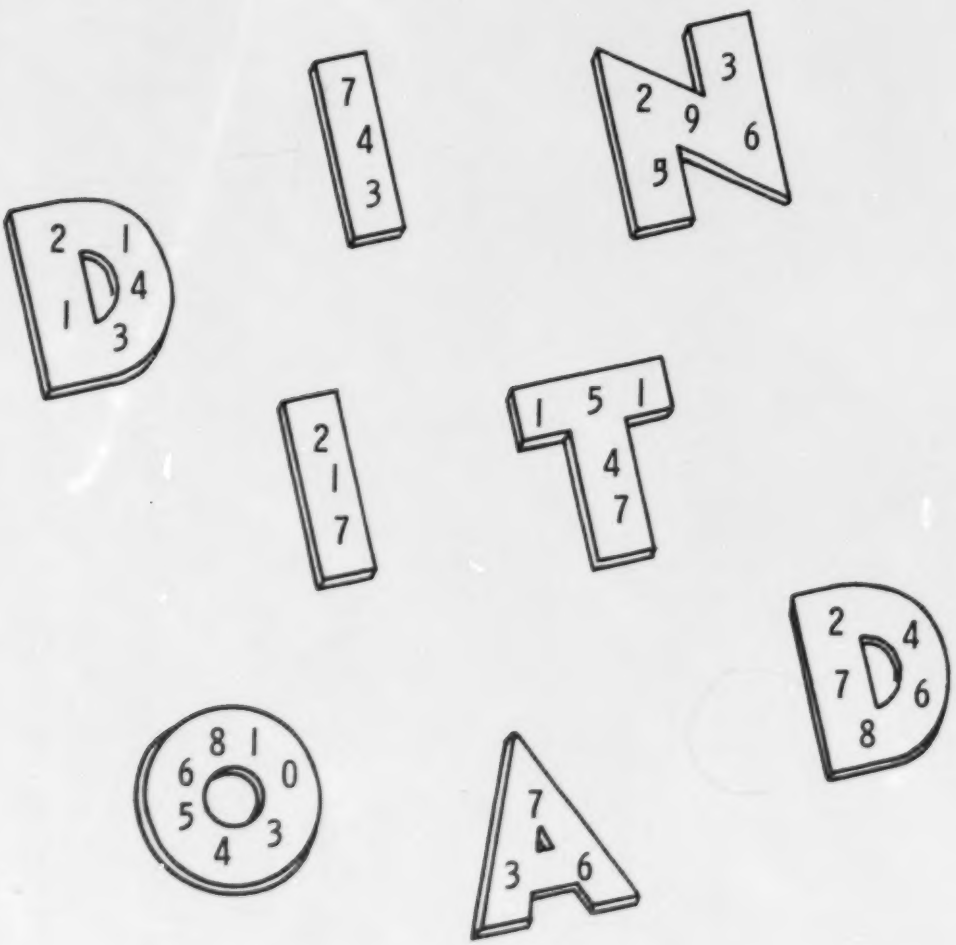
DIRECTIONS:

You must unscramble the letters you see below, to form the word which tells you what this book is about. Once you unscramble the letters to spell the word correctly, add all the numbers in all the letters to get a total answer.

What do the letters below really spell?

What do the numbers add up to? *Good luck!*

CLUE: The correct answer is more than 145, but less than 150!



FAREWELL

Dear Students:

I enjoyed working with Lisa. I am also very proud of her. She is now very good with her addition, and should have no problem keeping her job at Jacksen's Flower Shop.

I hope this book gave you as much help and fun as it did Lisa. Now you know that if you need medicine to help you with your addition, it can be sweet to swallow!

VOCABULARY LIST

ACCURACY: Being without mistakes.
Lisa practiced until she had perfect accuracy.

ACTIVITY: Thing to do.
The next activity *was a Bingo game.*

ADDITION: Putting one number with another, to find their sum or total.
3 + 5 = 8 is an example of an addition *problem.*

ADVERTISEMENT: A public notice or announcement, as you would find in a newspaper.
The store had an advertisement *in the newspaper.*

AFRAID: Feeling fear; scared.
Lisa was not afraid *to start her first job.*

ANSWER: A solution to a problem.
David's answer *was correct.*

ARITHMETIC: Number problems.
When you study arithmetic, *you learn how to add, subtract, multiply, and divide.*

ARRANGE: Come to an agreement with.
Tom and Jerry arranged *a weekend trip together.*

ATTEND: To be present at.
On Thursdays and Fridays Lisa was going to attend *school.*

BELOW: In a lower place: less than. (Two different meanings.)
The problems are printed below.
Pick a number below *10.*

BETWEEN: In the space or time separating two things.
How far is it between *your home and your school? (distance)*
I will get to your house between *5 and 6 o'clock. (time)*

BONUS: Something extra that is good.
This addition book has bonus *pages in it for good students.*
The baseball player got a yearly salary and a bonus *for signing up with the team.*

BOTHER: Worry; fuss or trouble. (Two different meanings.)
It is no bother *to help you. (trouble or fuss)*
Lisa would not let it bother *her. (worry)*

BUY: To get something by paying money.
You can buy *a pencil for ten cents.*

CALCULATOR: A machine that solves number problems.
Sara used a calculator *to help her do arithmetic.*

CAREFUL: With thinking; paying close attention.
Be careful *not to make a mistake.*

CARRYING: Taking from one place to another place.
In addition, it is important to learn carrying.

CLUE: A helpful hint.
The teacher gave a clue *to the students to help them solve the problem.*

COLUMN: Something that is thin and upright.
Will you please add that column *of numbers.*

COMPLETE: To get done; to finish.
Please make sure to complete *your homework.*

CONNECT: Join together.
Please connect *the columns by drawing lines.*

CONTAIN: To include or have within itself.
Books contain *a lot of information.*

CORRECT: Without any mistakes or faults.
Lisa was sure her answer was correct, *because she had added the problem twice.*

COST: Price paid.
What did that coat cost *you?*

CUSTOMER: A person who buys something.
The florist shop had a lot of steady customers.

DECIDE: To make up one's mind about something.
The girls decided *to go for a ride.*

DECIMAL POINT: The period placed in a number to separate the amount of whole things from the amount of parts that are less than a whole thing.
In the number $10.50, the decimal point *separates the 10 whole dollars from the 50 cents.*

DIFFERENT: Not alike.
Addition and subtraction are two different *things.*

DIFFICULT: Hard to do; not easy.
This arithmetic is not too difficult *if I keep practicing.*

DIRECTION: Any way in which something may face, or point, or move.
Marie went in the direction *the teacher pointed.*

DIRECTIONS: A telling how to do something.
If you follow these directions, *you will do the problem right.*

DISCUSS: To talk over.

Lisa wanted to discuss *something with me.*

DISTANCE: The space between two things.

The distance *between the farm and the town is five miles.*

DOLLAR: A unit of money in the U.S.

One hundred cents makes one dollar.

DOLLAR SIGN: $

A dollar sign *looks like an S with a line through it.*

DOZEN: Twelve of something.

Brian bought a dozen *eggs.*

EMPLOYER: Boss.

Lisa's employer *is Mr. Walter Jacksen.*

ENJOY: To like doing; to take pleasure in.

I enjoy *doing addition.*

EQUAL: The same as.

It takes four quarters to equal *one dollar.*

EVENLY: In a straight line.

Line up your numbers evenly *on the right when you add, or you will get the wrong answer.*

EXACT: Without any mistake or error.

Lisa kept an exact *count of all the flowers she sold.*

EXAMPLE: A sample showing what others are like.

The teacher showed the class how to do the problem by showing them an example *and solving it.*

EXCITE: Stir up one's feelings.
Lisa was excited *about her new job.*

EXERCISE: Something you do to help you improve a skill.
Here are three number exercises *for you to do as homework.*

EXPECT: To count on.
You are expected *to do all your homework.*

EXPLAIN: Make plain; make clear. Tell how to do.
The teacher explained *how to do the addition homework.*

FALSE: Wrong; incorrect.
When Sally stayed home from school, she gave the teacher a false *reason.*

FIGURE OUT: Think out; understand.
I can't figure out *how to do this hard problem.*

FINISH: To bring to an end.
Please finish *your homework so we can play ball.*

FOLLOW: To come after.
The number 3 follows *the number 2.*

GROCERY: Food and household supplies.
Do we need any other grocery *items?*

IMPORTANT: Having a lot of value.
Knowing how to add is important *for anyone.*

IMPROVE: Become better.
Lisa's addition work has improved *a lot.*

INCORRECT: Wrong.
Phil did not know how to carry, so his addition problems had incorrect *answers.*

INVOLVE: To include; to have as an important part of.
Addition problems often involve *carrying.*

ITEM: A separate thing or article.
There were ten items *on the list to be checked.*

MATH: Short for "mathematics." The study of numbers and measurement.
I enjoy math *class.*

MEDICINE: Something used to cure sickness or improve health.
Medicine *will help you get better.*

MONEY: Coins and papers that can be used to buy things with.
Lisa uses money *to buy her lunch each day.*

NEATNESS: being clean and in order.
Roy's addition work showed neatness *and accuracy.*

NUMBER: A word that tells how many.
All arithmetic problems deal with numbers.

POSITION: The place where a thing or person is.
Are the numbers lined up in their correct positions?

PRACTICE: To work at something in order to do it better.
Practice *your addition every day!*

PRICE: Cost. The amount of money it takes to buy something.
What is the price *of that book?*

PROBLEM: Something to be worked out.
Lisa was careful, accurate, and neat when she did the arithmetic problems.

PROPER: In a correct or fitting manner.
Ellen's mother tried hard to teach Ellen proper *ways of acting.*

PURCHASE: To buy.
I would like to purchase *that item, please.*

QUESTION: Something asked.
Ask a silly question, *and you'll get a silly answer!*

QUICKLY: Very soon; fast.
Do your addition problems quickly, *but be neat and accurate.*

REVIEW: To look at or go over again.
Please review *the addition homework; I don't understand it.*

ROW: A line of people or things.
The chairs were arranged in short rows *across the room.*

SALESPERSON: A person whose work is selling in a store.
Lisa is trying hard to become a good salesperson.

SCARED: Afraid of.
She is scared *of her own shadow!*

SCRAMBLE: To mix together or mix up.
Those words are all scrambled – *I can't read them.*

SENTENCE: A group of words that tell a complete thought.
Please write in complete sentences *so I know what you mean.*

SERVICE: Work done that is helpful to others.
Most workers want to give good service *to their bosses.*

SOLVE: To find the answer to.
Mark was asked to solve *the problems.*

STEP: A part of something to be done in a certain order.
Do you know the steps *to be taken in carrying?*

SUM: The total of two or more numbers of things added together.
The sum *of three plus three equals six.*

SURVEY: Look over a whole group of things at one time.
This test will survey *how well you can do different kinds of problems.*

TOTAL: The whole amount.
The total *cost of the grocery order was $22.75.*

TRADE: Kind of work.
Selling is a good trade *for many people.*

TWICE: Two times.
Do the problems twice *for accuracy.*

UNDERSTAND: To get the meaning of.
I understand *how to do this type of problem.*

VOCABULARY: A collection or list of words.
Lisa has done a lot of reading, and now has a good vocabulary.

ZERO: A number that means "not any."
Eileen spent all her money, and now her bank account is down to zero.